



Substitute for form 1449A/PTO				Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/817,030	
				Filing Date	April 2, 2004	
				First Named Inventor	Jozef J. Van Dun	
				Art Unit	1711	
				Examiner Name	N. M. Nutter	
				Attorney Docket Number	44575C US	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
~		US-4,506,096	03-19-1985	Weitz, et al.		
~		US-5,578,682	11-26-1996	White		
~		US-6,194,520 B1	02-27-2001	Cheruvu, et al.		
~		US-6,506,866 B2	01-14-2003	Jacobsen, et al.		
~		US-6,770,341 B1	08-03-2004	Böhm, et al.		
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
~		EP-0707040 B1	09-15-1995	Buna Sow Leuna Olefinverbund GmbH		
~		EP-0733674 B1	03-16-1996	Buna Sow Leuna Olefinverbund GmbH		
		EP-0089586 A1 (US-4,506,096)	03-28-1983	BASF		
~		EP-1146078 A1	10-17-2001	Borealis Technology OY		
~		EP-1146079 A1	10-17-2001	Borealis Technology OY		
~		EP-1201711 A1	05-02-2002	Atofina Research		
~		EP-1201713 A1	05-02-2002	Atofina Research		
~		WO-90/03414 A1	04-05-1990	Exxon Chemical		
~		WO-93/03093	02-18-1993	Exxon Chemical		
~		WO-96/16082	05-30-1996	Dow Chemical		
Examiner Signature				Date	9-05	
				Considered		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete if Known</b>		
	Application Number	10/817,030	
	Filing Date	April 2, 2004	
	First Named Inventor	Jozef J. Van Dun	
	Art Unit	1711	
	Examiner Name	N. M. Nutter	
		Attorney Docket Number	44575C US

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			

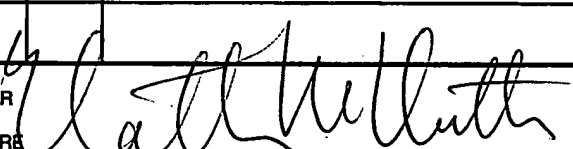
## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
✓		WO-96/28480	09-19-1996	Dow Chemical		
✓		WO-97/19807	06-05-1997	Borealis A/S		
✓		WO-97/33116	09-12-1997	Borealis A/S		
✓		WO-97/43323	11-20-1997	Dow Chemical		
✓		WO-98/27119	06-25-1998	Dow Chemical		
✓		WO-99/14271	03-25-1999	Dow Chemical		
✓		WO-01/05852 A1	01-25-2001	Dow Chemical		
		WO-01/02480 A1 (US 6,728,344 B1)	01-11-2001	Elenac GMBH		
		WO-01/78247 A2	10-25-2001	Borealis Technology OY		
✓		WO-03/016362 A1	02-27-2003	Dow Global Technologies Inc.		
Examiner Signature	N. M. Nutter			Date	9-05	
				Considered		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>	Complete If Known	
	Application Number	10/817,030
	Filing Date	April 2, 2004
	First Named Inventor	Jozef J. Van Dun
	Art Unit	1711
	Examiner Name	N. M. Nutter
	Attorney Docket Number	44575C US

NON PATENT LITERATURE DOCUMENTS			T <sup>2</sup>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
<i>W</i>		Borealis Unveils Borstar-Its New Propriety Polyethylene Technology, Press Release, October 10, 1995.	
<i>W</i>		MAPLESTON, P., Infrared Process is Fast and Repeatable, Mod. Plast. Int., V.22, No. 10, Oct. 1992. p. 34/8 (Abstract)	
<i>W</i>		New Generation Polyolefins, Nissan-Lyondell-Maruzen High Density Technology, Aug./Sept 1997, Vol.. 3-Iss. 1, p. 17	
<i>W</i>		ELIAS, HANS-GEORG, Macromolecules 1 Structure and Properties, 1977, pp.384-385, 414-415, Plenum Press, New York and London	
<i>a</i>		PLATI ET AL., The Determination of the Fracture Parameters for Polymers in Impact, Polymer Engineering and Science, June 1975, p. 470-477, V. 15 - Iss. 6, The Society of Plastics Engineers, Inc..	
EXAMINER			DATE
SIGNATURE			CONSIDERED

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.